

STDDs data published

Tower Departure Event Service (TDES)

For each flight at all 68 EFSTs and 74 TDLS airports:

- Aircraft parking gate
- Pre-departure clearance delivery time (date/time at which pre-departure clearance was issued)
- Taxi start time (date/time at which taxi start was issued)
- Takeoff time (date/time at which takeoff clearance was issued)
- Departure runway

Airport Data Service (APDS)

For each RVR-equipped runway at ~130 selected NG and PC RVR airports:

- Visual range in hundreds of feet at touchdown, midpoint, and rollout
- Visibility trend (steady, increasing, decreasing) at touchdown, midpoint, and rollout
- Runway edge light and center light setting intensity from 0 (off) to 5 (maximum)

Surface Movement Event Service (SMES)

Event date/time for each flight at all 35 ASDE-X and eventually 9 ASSC airports:

- Spot Out (departure aircraft crosses from ramp to surface movement area)
- Spot In (arrival aircraft crosses from surface movement area to ramp)
- Off (wheels up)
- On (wheels down)

Surface Movement Event Service (SMES) cont.

For each aircraft in the movement area or nearby airspace of all 35 ASDE-X and eventually 9 ASSC airports:

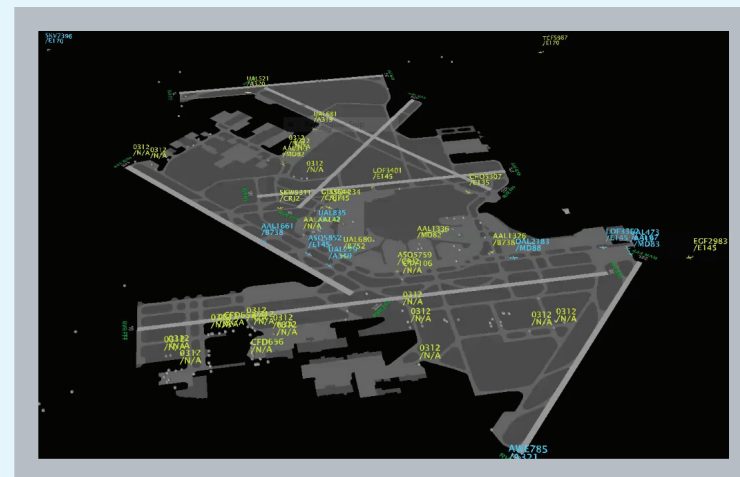
- Category 11 data
 - Mode S / Mode 3A
 - Aircraft type
 - Departure or arrival runway
 - Departure fix for departures
 - Departure airport for arrivals
 - Wake class
 - Position / heading / speed / altitude
 - Fused track acceleration
 - Coasted or suspended track number
 - ADS-B info
 - Source / reliability info
- Generic Flight Plan data
 - FP interface type (ARTSIIIA, ARTSIIIE, STARS, GFP, MicroEARTS)
 - Aircraft type / category
 - Entry / exit fix
 - Flight type (arrival, departure, enroute)
 - Assigned runway
 - Scratch pad



SWIM Terminal Data Distribution System (STDDS)

Publishes Terminal data to NAS and non-NAS consumers via the NAS Enterprise Messaging Service (NEMS)

- All 35 ASDE-X airports + 1 (eventually 9) ASSC airports
- All 74 TDLS airports
- All 68 EFSTS airports
- 130 selected RVR airports



RVR Status Monitor

21:31:25 UTC 08-24-2014

RVR Airports						
ANC 6500	ATL 6500	BFI 6500	BNA 6500	BOI 6500	BOS 6500	BUF 6500
BUR 6500	BWI 6500	CLE 6500	CLT 6500	CVG 6500	DAL 6500	DCA 6500
DEA 6500	DEB 6500	DFA 6500	DFB 6500	DPA (na)	DTW 6500	EUG 6500
EWR 6500	GEG 6500	GJT 6500	HOU 6500	HPN 6500	IAD 6500	IAH 6500
ILG 6500	IND 6500	ISP 6500	JFK 6500	LAX 6500	LGA 6500	LGB 6500
LMT 6500	MCI 6500	MCO 6500	MDW 6500	MEM 6500	MFR 6500	MIA 6500
MKE 6500	MRY 6500	MSP 6500	MWH 6500	OAK 6500	ONT 6500	ORN 6500
ORS 6500	PAE 6500	PDX 6500	PHL 6500	PHX 6500	PIT 6500	PSC 6500
RDU 6500	SAN 6500	SDF 6500	SEA 6500	SFO 6500	SJC 6500	SLC 6500
SME 6500	SNA 6500	STL 6500	TPA 6500	VNY 6500		

KEY:

Values = lowest visibility (in feet) over last 10 minutes.

6100+	2500-6000	1300-2400	800-1200	0-700	No Data
-------	-----------	-----------	----------	-------	---------

Acronyms

EFSTS: Electronic Flight Strip Transfer System

TDLS: Tower Data Link Services

NG RVR: Next Generation Runway Visual Range

PC RVR: Personal Computer Runway Visual Range

ASDE-X: Airport Surface Detection Equipment Model X

ASSC: Airport Surface Surveillance Capability

ADS-B: Automatic Dependent Surveillance - Broadcast

ARTS: Automated Radar Terminal System

STARS: Standard Terminal Automation Replacement System

GFP: Generic Flight Plan

MicroEARTS: Micro EnRoute Automated Radar Tracking System